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PATENT ABSTRACTS OF JAPAN

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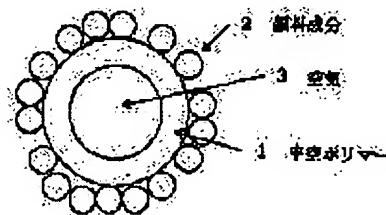
(21)Application number : 11-028536	(71)Applicant : RICOH CO LTD
(22)Date of filing : 05.02.1999	(72)Inventor : HAYAKAWA KUNIO MORITA MITSUNOBU TSUTSUI KYOJI KONDO HITOSHI KATO IKUO HARADA NARIYUKI

(54) DISPLAY FLUID FOR ELECTROPHORETIC DISPLAY

(57)Abstract:

PROBLEM TO BE SOLVED: To allow dispersed particle in a dispersion medium to retain its stable dispersed state over a long period of time by using fine particles with a pigment component on the surface and voids in the interior as the dispersed particles in a display fluid consisting of the dispersed particles and the dispersion medium different from the dispersed particles in color tone.

SOLUTION: In a display fluid consisting of dispersed particles and a dispersion medium different from the dispersed particles in color tone, fine particles with a pigment component on the surface and voids in the interior are used as the dispersed particles. A colored or white inorganic pigment may be used as the pigment component. In order to ensure the internal voids, hollow polymer particles 1 are used and the surfaces of the hollow polymer particles 1 are coated with the pigment component 2 or the pigment component 2 is made porous or hollow.



LEGAL STATUS

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